

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
 Data File : BP015288.D
 Acq On : 25 May 2023 12:32
 Operator : CG/JU
 Sample : 02213-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Quant Time: May 25 13:16:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	187713	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	721200	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	429160	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	855366	20.000	ng	0.00
76) Chrysene-d12	21.586	240	753259	20.000	ng	0.00
86) Perylene-d12	24.139	264	861838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1233412	108.880	ng	0.00
7) Phenol-d6	7.263	99	1643710	110.720	ng	0.00
23) Nitrobenzene-d5	9.287	82	1216552	82.362	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	639338	109.626	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	2610688	81.671	ng	0.00
79) Terphenyl-d14	20.045	244	3234127	80.759	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	50928	10.150	ng	99
3) Pyridine	3.881	79	104495	8.149	ng	94
4) n-Nitrosodimethylamine	3.787	42	56180	9.388	ng	# 95
6) Aniline	7.428	93	185928	9.909	ng	98
8) 2-Chlorophenol	7.669	128	114609	9.682	ng	98
9) Benzaldehyde	7.240	77	108847	11.152	ng	99
10) Phenol	7.287	94	146304	9.840	ng	96
11) bis(2-Chloroethyl)ether	7.522	93	125380	10.061	ng	99
12) 1,3-Dichlorobenzene	7.999	146	135189	10.263	ng	97
13) 1,4-Dichlorobenzene	8.146	146	136610	10.303	ng	98
14) 1,2-Dichlorobenzene	8.469	146	129285	10.220	ng	99
15) Benzyl Alcohol	8.352	79	96307	9.294	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.634	45	170241m	10.594	ng	
17) 2-Methylphenol	8.552	107	95682	9.043	ng	95
18) Hexachloroethane	9.199	117	50299	10.065	ng	96
19) n-Nitroso-di-n-propyla...	8.922	70	95907	10.094	ng	98
20) 3+4-Methylphenols	8.887	107	128442	8.986	ng	99
22) Acetophenone	8.946	105	191228	10.209	ng	# 97
24) Nitrobenzene	9.328	77	146615	9.969	ng	96
25) Isophorone	9.857	82	250057	9.434	ng	98
26) 2-Nitrophenol	10.046	139	57863	8.963	ng	98
27) 2,4-Dimethylphenol	10.099	122	109617	10.128	ng	97
28) bis(2-Chloroethoxy)met...	10.340	93	163071	9.982	ng	99
29) 2,4-Dichlorophenol	10.581	162	104603	9.322	ng	97
30) 1,2,4-Trichlorobenzene	10.799	180	126967	10.143	ng	99
31) Naphthalene	10.987	128	378876	9.975	ng	99
32) Benzoic acid	10.181	122	42027	10.597	ng	95
33) 4-Chloroaniline	11.104	127	146651	9.339	ng	99
34) Hexachlorobutadiene	11.269	225	78358	9.880	ng	98
35) Caprolactam	11.869	113	28972	8.410	ng	98
36) 4-Chloro-3-methylphenol	12.216	107	112003	9.180	ng	96
37) 2-Methylnaphthalene	12.587	142	264362	9.793	ng	98
38) 1-Methylnaphthalene	12.804	142	244677	9.715	ng	99
40) 1,2,4,5-Tetrachloroben...	12.951	216	144922	10.291	ng	98
41) Hexachlorocyclopentadiene	12.928	237	75979	10.187	ng	99
43) 2,4,6-Trichlorophenol	13.193	196	85605	9.366	ng	98

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44) 2,4,5-Trichlorophenol	13.263	196	90854	8.455	ng	99
46) 1,1'-Biphenyl	13.587	154	346491	10.190	ng	97
47) 2-Chloronaphthalene	13.634	162	264105	10.296	ng	99
48) 2-Nitroaniline	13.840	65	64169	8.189	ng	97
49) Acenaphthylene	14.475	152	395629	9.639	ng	99
50) Dimethylphthalate	14.204	163	315903	9.409	ng	99
51) 2,6-Dinitrotoluene	14.328	165	61979	8.743	ng	96
52) Acenaphthene	14.816	154	240936	9.856	ng	96
53) 3-Nitroaniline	14.657	138	57975	8.002	ng	98
54) 2,4-Dinitrophenol	14.869	184	26040	10.292	ng	93
55) Dibenzofuran	15.145	168	390403	9.763	ng	99
56) 4-Nitrophenol	14.963	139	40446	9.511	ng	95
57) 2,4-Dinitrotoluene	15.116	165	76693	8.228	ng	98
58) Fluorene	15.798	166	301531	9.763	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.375	232	76670	8.921	ng	97
60) Diethylphthalate	15.557	149	304184	9.095	ng	99
61) 4-Chlorophenyl-phenyle...	15.787	204	152107	9.618	ng	97
62) 4-Nitroaniline	15.822	138	53976	8.901	ng	93
63) Azobenzene	16.081	77	297911	9.337	ng	98
65) 4,6-Dinitro-2-methylph...	15.881	198	39841	7.668	ng	97
66) n-Nitrosodiphenylamine	16.004	169	258701	10.150	ng	99
67) 4-Bromophenyl-phenylether	16.687	248	90215	9.754	ng	98
68) Hexachlorobenzene	16.804	284	105116	10.320	ng	97
69) Atrazine	16.951	200	84843	10.425	ng	98
70) Pentachlorophenol	17.151	266	52197	7.478	ng	96
71) Phenanthrene	17.551	178	453785	9.954	ng	99
72) Anthracene	17.639	178	442759	9.697	ng	99
73) Carbazole	17.910	167	384362	9.507	ng	99
74) Di-n-butylphthalate	18.439	149	455942	8.782	ng	99
75) Fluoranthene	19.504	202	490407	9.208	ng	98
77) Benzidine	19.680	184	212896	17.848	ng	100
78) Pyrene	19.857	202	523198	9.708	ng	100
80) Butylbenzylphthalate	20.710	149	185908	8.140	ng	99
81) Benzo(a)anthracene	21.569	228	501097	9.574	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	182087	11.264	ng	98
83) Chrysene	21.622	228	479334	9.551	ng	99
84) Bis(2-ethylhexyl)phtha...	21.469	149	281141	8.358	ng	98
85) Di-n-octyl phthalate	22.439	149	467836	8.221	ng	99
87) Indeno(1,2,3-cd)pyrene	26.839	276	600820	9.618	ng	100
88) Benzo(b)fluoranthene	23.351	252	497792	9.500	ng	99
89) Benzo(k)fluoranthene	23.404	252	515440	9.768	ng	97
90) Benzo(a)pyrene	24.021	252	435177	8.602	ng	99
91) Dibenzo(a,h)anthracene	26.857	278	494290	9.635	ng	99
92) Benzo(g,h,i)perylene	27.674	276	494972	9.496	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

